

NAME

ktutil - manage Kerberos keytabs

SYNOPSIS

ktutil [-k *keytab* | --keytab=*keytab*] [-v | --verbose] [--version] [-h | --help] *command* [*args*]

DESCRIPTION

ktutil is a program for managing keytabs. Supported options:

-v, --verbose

Verbose output.

command can be one of the following:

add [-p *principal*] [--principal=*principal*] [-V *kvno*] [--kvno=*kvno*] [-e *enctype*] [--enctype=*enctype*] [-w *password*] [--password=*password*] [-r] [--random] [-s] [--no-salt] [-H] [--hex]

Adds a key to the keytab. Options that are not specified will be prompted for. This requires that you know the password or the hex key of the principal to add; if what you really want is to add a new principal to the keytab, you should consider the *get* command, which talks to the kadmin server.

change [-r *realm*] [--realm=*realm*] [--a *host*] [--admin-server=*host*] [--s *port*] [--server-port=*port*]

Update one or several keys to new versions. By default, use the admin server for the realm of a keytab entry. Otherwise it will use the values specified by the options.

If no principals are given, all the ones in the keytab are updated.

copy *keytab-src keytab-dest*

Copies all the entries from *keytab-src* to *keytab-dest*.

get [-p *admin principal*] [--principal=*admin principal*] [-e *enctype*] [--enctypes=*enctype*] [-r *realm*] [--realm=*realm*] [-a *admin server*] [--admin-server=*admin server*] [-s *server port*] [--server-port=*server port*] *principal ...*

For each *principal*, generate a new key for it (creating it if it doesn't already exist), and put that key in the keytab.

If no *realm* is specified, the realm to operate on is taken from the first principal.

list [--keys] [--timestamp]

List the keys stored in the keytab.

remove [-p *principal*] [--principal=*principal*] [-V -kvno] [--kvno=*kvno*] [-e -enctype] [--enctype=*enctype*]

Removes the specified key or keys. Not specifying a *kvno* removes keys with any version number. Not specifying an *enctype* removes keys of any type.

rename *from-principal to-principal*

Renames all entries in the keytab that match the *from-principal* to *to-principal*.

purge [--age=*age*]

Removes all old versions of a key for which there is a newer version that is at least *age* (default one week) old.

SEE ALSO

kadmin(8)